

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029645.D
 Acq On : 21 Jun 2022 06:55
 Operator : JC/MD
 Sample : N3354-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-52

Quant Time: Jun 21 08:48:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

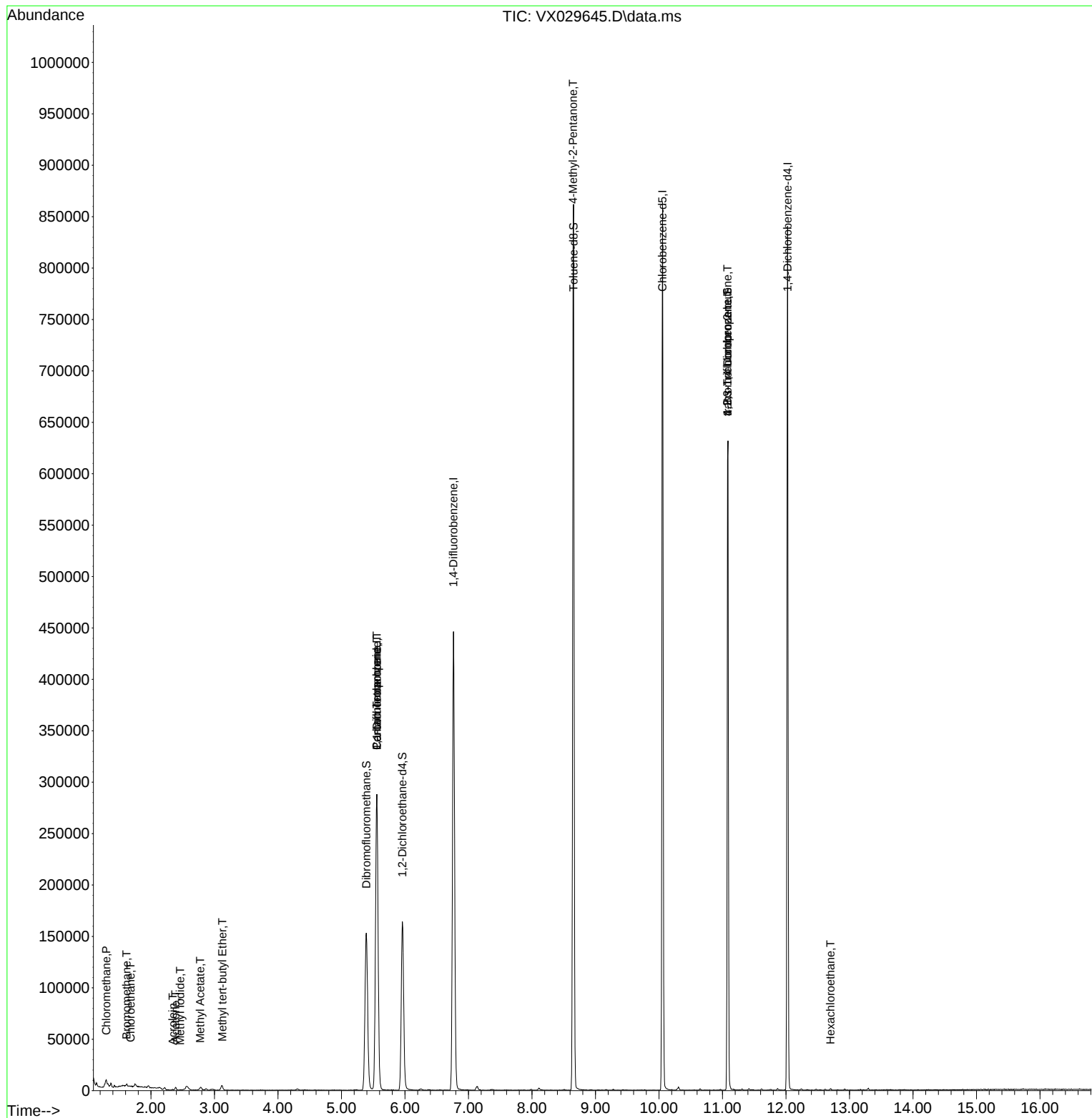
Internal Standards						
1) Pentafluorobenzene	5.556	168	275878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	467756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158229	43.328	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.660%
35) Dibromofluoromethane	5.391	113	140373	46.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.100%
50) Toluene-d8	8.653	98	528012	47.415	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.820%
62) 4-Bromofluorobenzene	11.079	95	184422	43.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.820%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1260	0.350	ug/l #	86
5) Bromomethane	1.618	94	644	0.381	ug/l #	46
6) Chloroethane	1.679	64	1385	1.812	ug/l #	51
10) Methyl Iodide	2.459	142	476	3.153	ug/l #	91
11) Tert butyl alcohol	2.971	59	956	Below Cal	#	72
13) Acrolein	2.343	56	68	0.338	ug/l #	15
16) Acetone	2.386	43	2622	1.801	ug/l	100
18) Methyl Acetate	2.776	43	1807	0.470	ug/l #	46
19) Methyl tert-butyl Ether	3.123	73	4584	0.472	ug/l #	87
36) 1,1-Dichloropropene	5.556	75	19828	4.806	ug/l #	50
38) Carbon Tetrachloride	5.556	117	28485	7.021	ug/l #	16
44) Trichloroethene	7.141	130	1705	Below Cal		88
51) 4-Methyl-2-Pentanone	8.647	43	1891	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	87766	23.675	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87766	78.761	ug/l #	15
90) Hexachloroethane	12.701	117	812	0.522	ug/l #	10

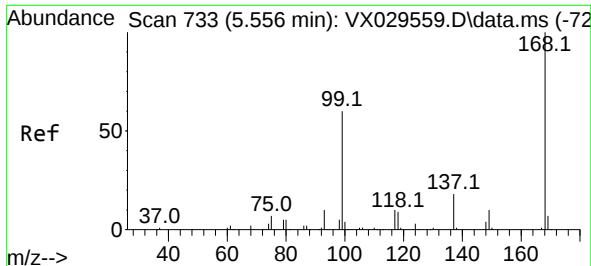
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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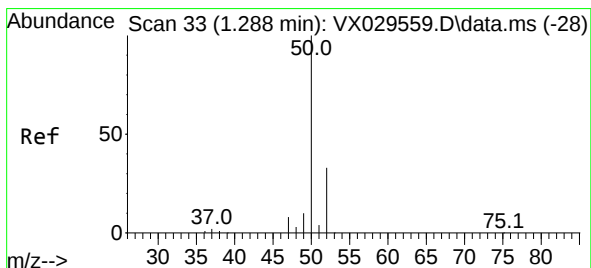
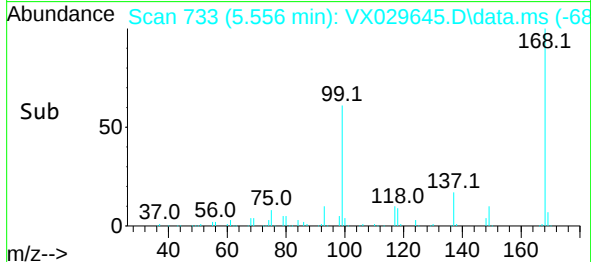
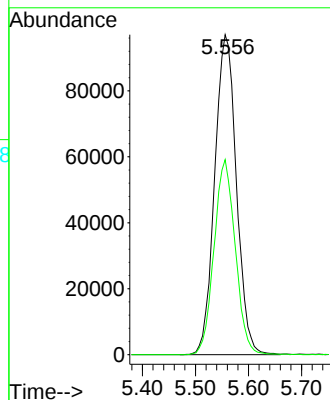
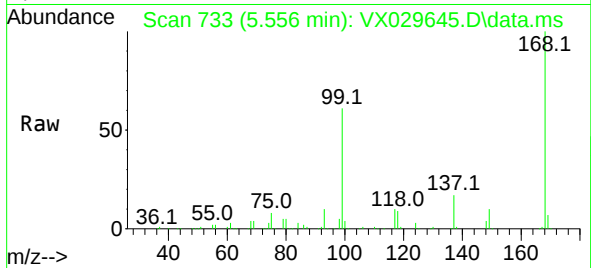




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

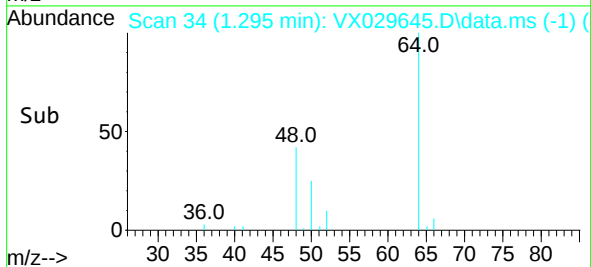
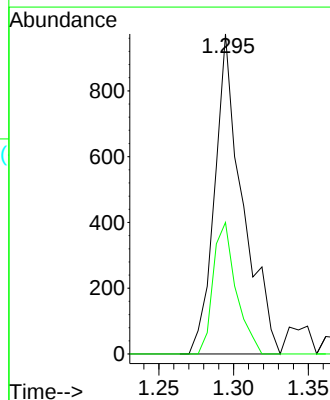
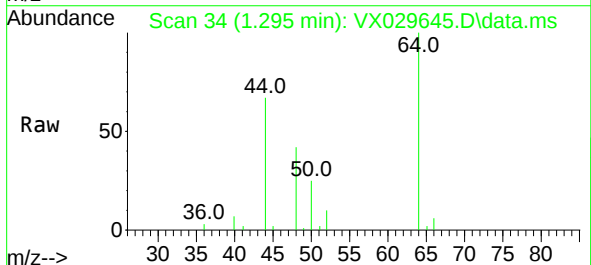
Instrument :
MSVOA_X
ClientSampleId :
MW-52

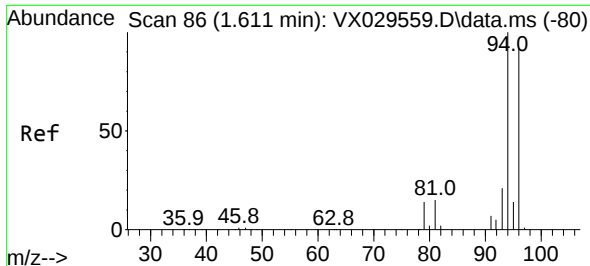
Tgt Ion:168 Resp: 275878
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#3
Chloromethane
Concen: 0.350 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

Tgt Ion: 50 Resp: 1260
Ion Ratio Lower Upper
50 100
52 41.1 26.4 39.6#

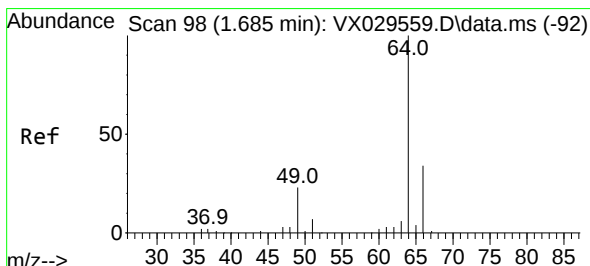
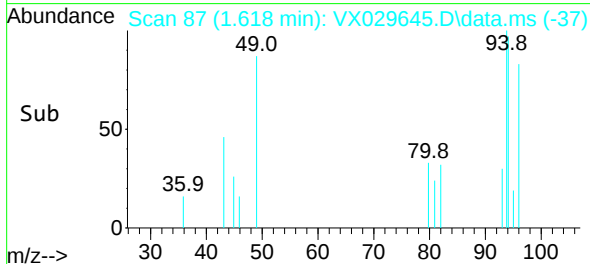
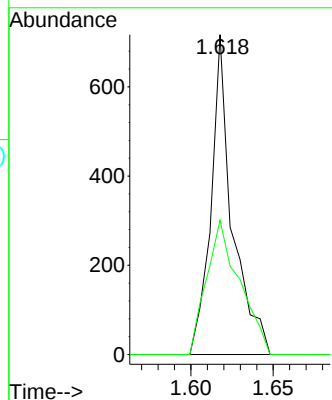
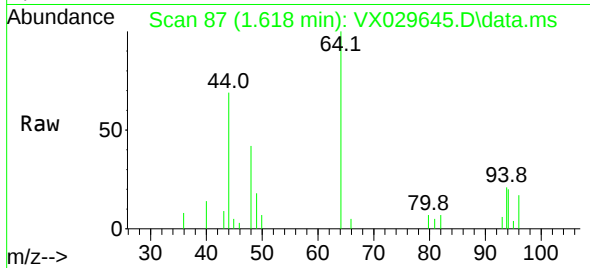




#5
Bromomethane
Concen: 0.381 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

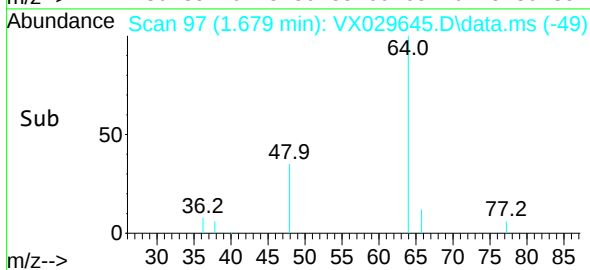
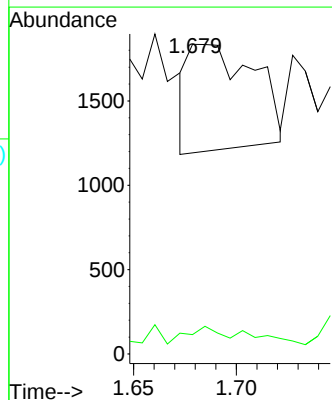
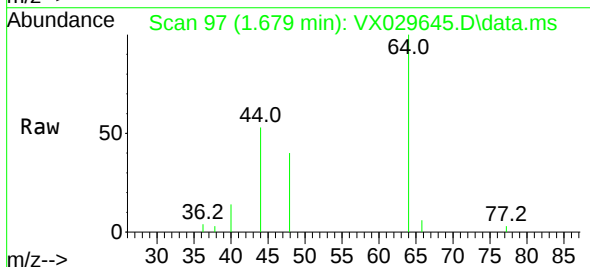
Instrument :
MSVOA_X
ClientSampleId :
MW-52

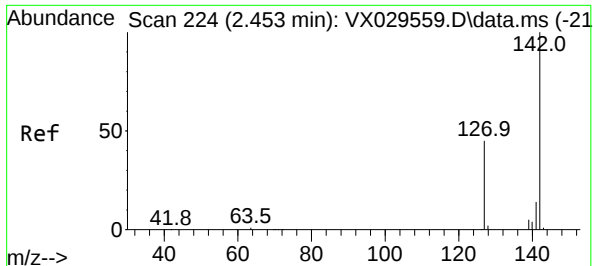
Tgt Ion: 94 Resp: 644
Ion Ratio Lower Upper
94 100
96 42.0 75.3 112.9#



#6
Chloroethane
Concen: 1.812 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

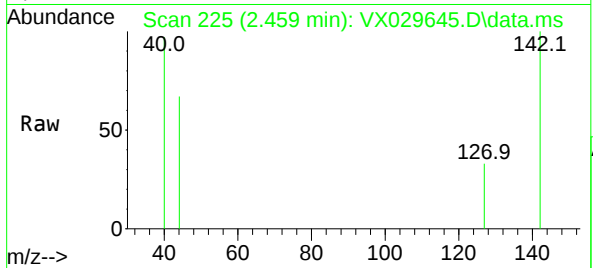
Tgt Ion: 64 Resp: 1385
Ion Ratio Lower Upper
64 100
66 4.5 25.3 37.9#



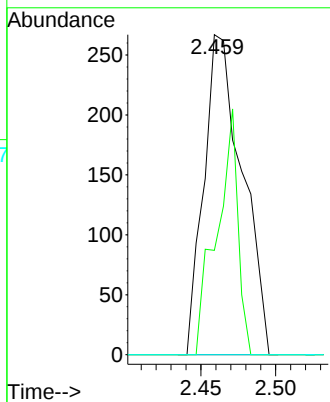
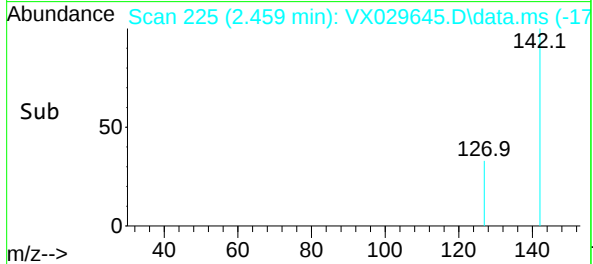


#10
Methyl Iodide
Concen: 3.153 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

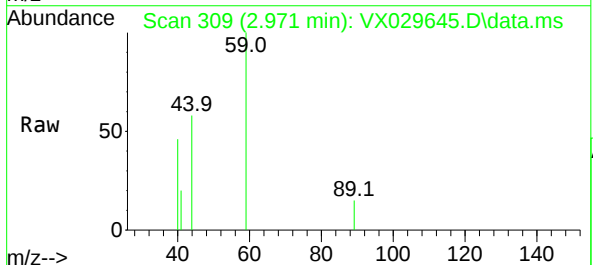
Instrument :
MSVOA_X
ClientSampleId :
MW-52



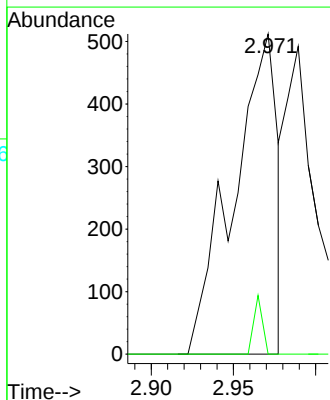
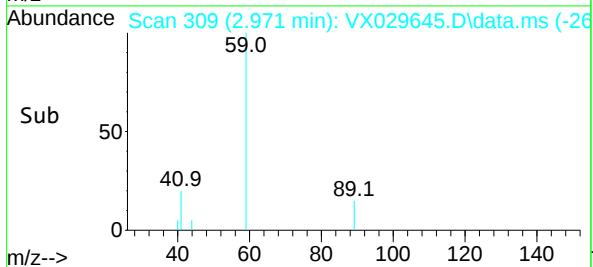
Tgt Ion:142 Resp: 476
Ion Ratio Lower Upper
142 100
127 42.6 33.9 50.9
141 0.0 11.4 17.2#

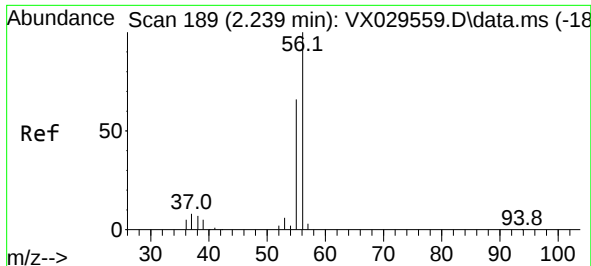


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55



Tgt Ion: 59 Resp: 956
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.338 ug/l

RT: 2.343 min Scan# 206

Delta R.T. 0.104 min

Lab File: VX029645.D

Acq: 21 Jun 2022 06:55

Instrument :

MSVOA_X

ClientSampleId :

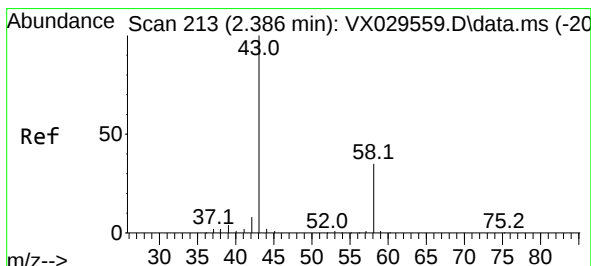
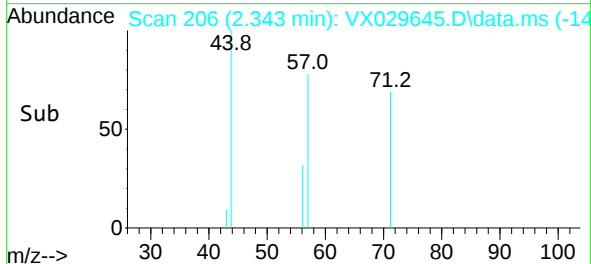
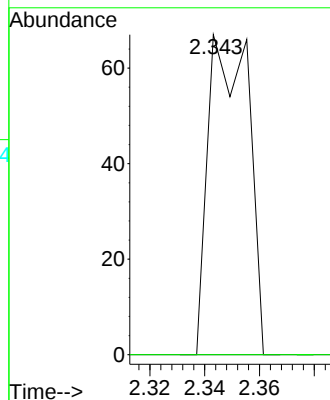
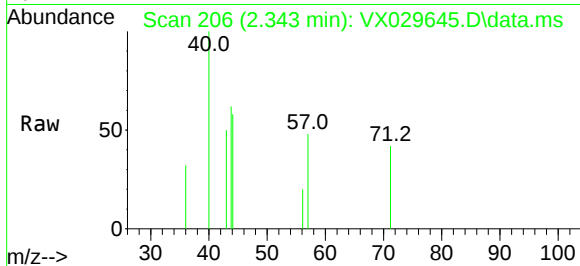
MW-52

Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#



#16

Acetone

Concen: 1.801 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029645.D

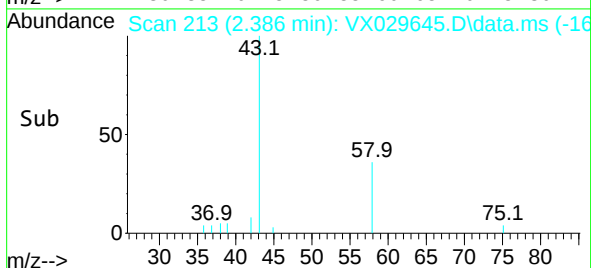
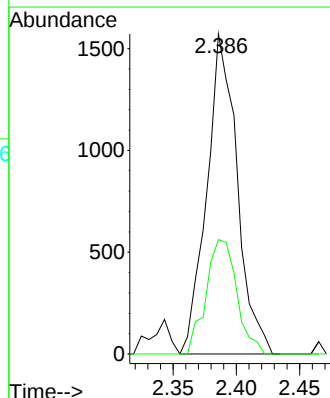
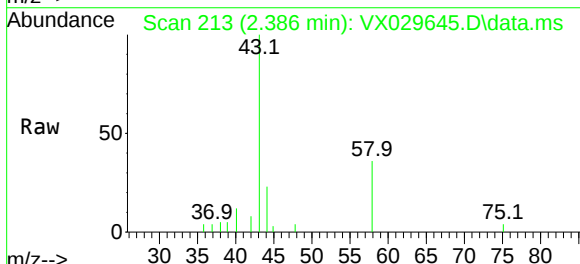
Acq: 21 Jun 2022 06:55

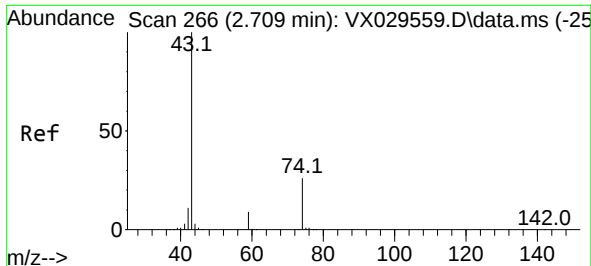
Tgt Ion: 43 Resp: 2622

Ion Ratio Lower Upper

43 100

58 35.8 28.8 43.2

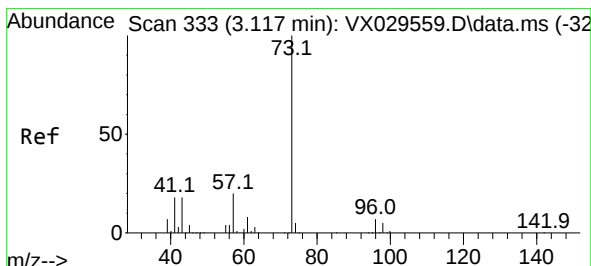
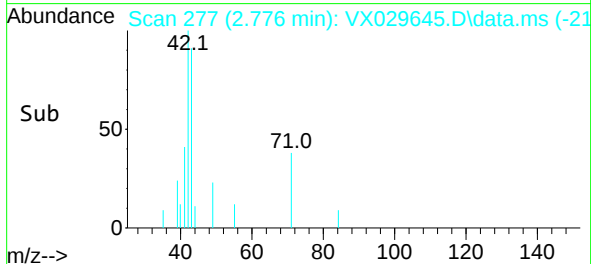
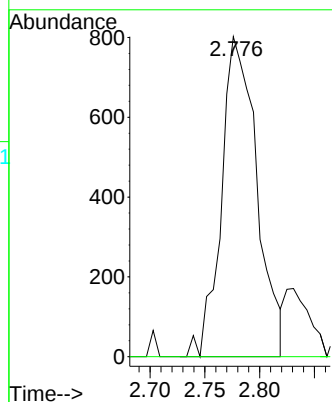
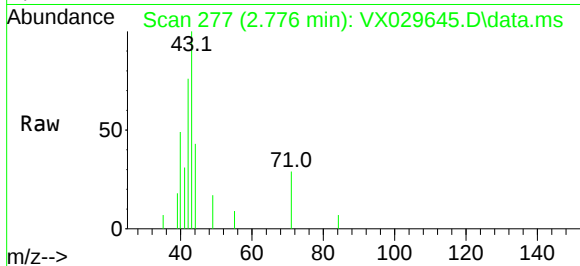




#18
Methyl Acetate
Concen: 0.470 ug/l
RT: 2.776 min Scan# 21
Delta R.T. 0.067 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

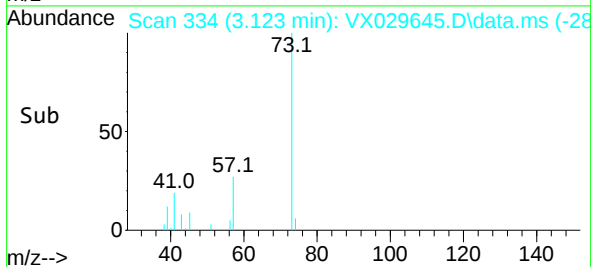
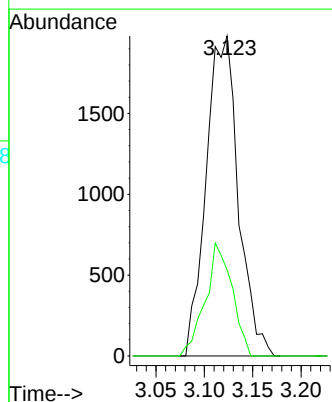
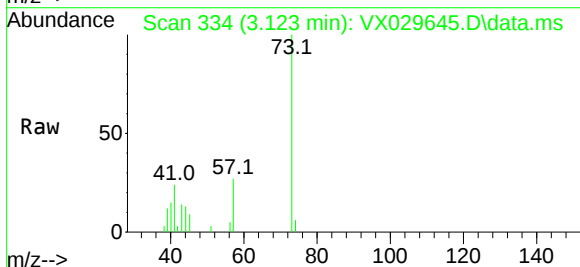
Instrument :
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ClientSampleId :
MW-52

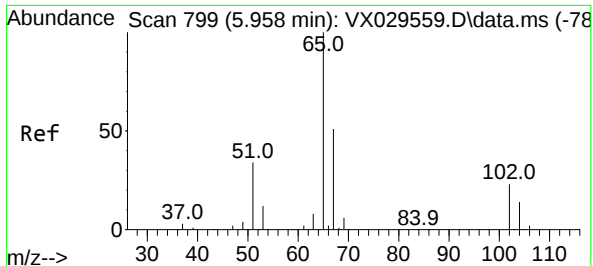
Tgt Ion: 43 Resp: 1807
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#19
Methyl tert-butyl Ether
Concen: 0.472 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

Tgt Ion: 73 Resp: 4584
Ion Ratio Lower Upper
73 100
57 26.9 16.8 25.2#





#33

1,2-Dichloroethane-d4

Concen: 43.328 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029645.D

Acq: 21 Jun 2022 06:55

Instrument :

MSVOA_X

ClientSampleId :

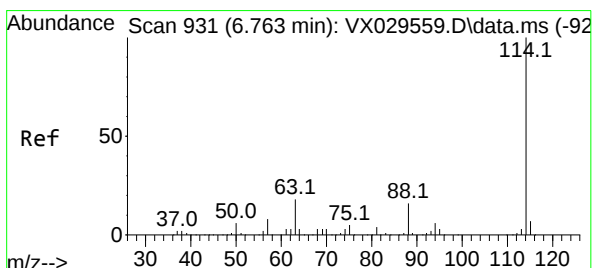
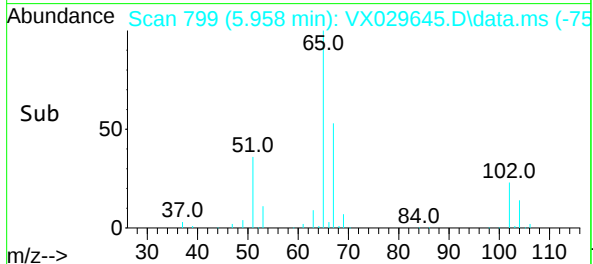
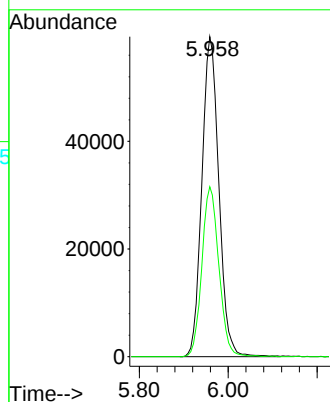
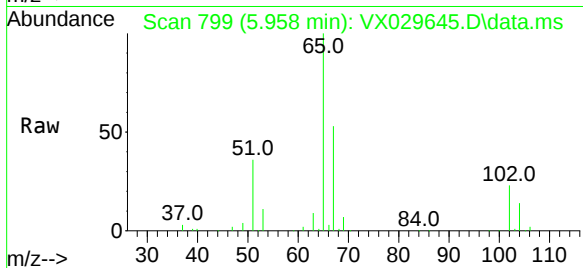
MW-52

Tgt Ion: 65 Resp: 158229

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029645.D

Acq: 21 Jun 2022 06:55

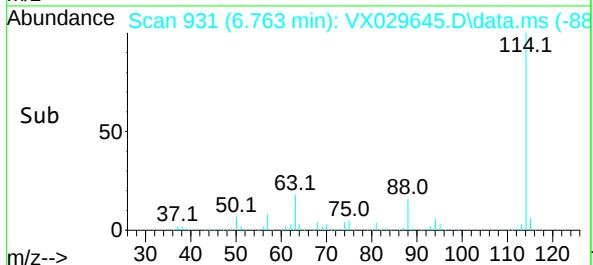
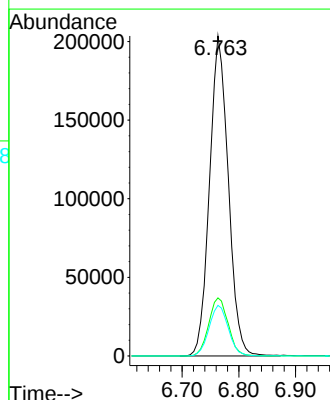
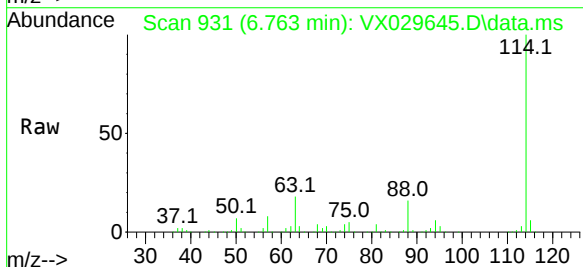
Tgt Ion: 114 Resp: 467756

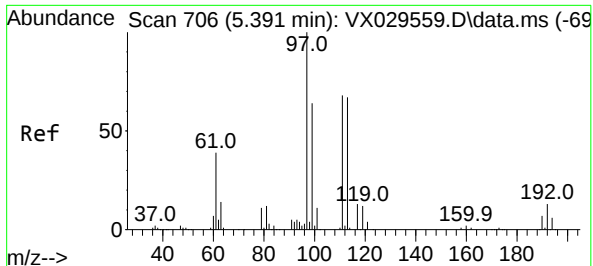
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 15.8 0.0 32.4

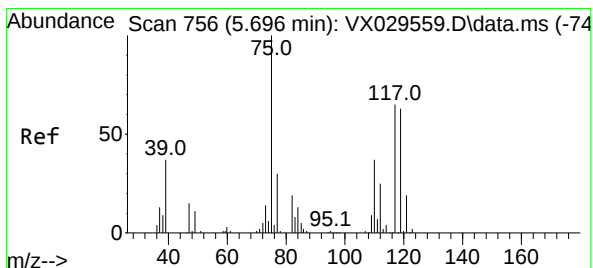
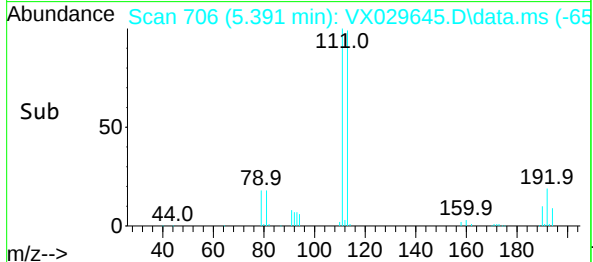
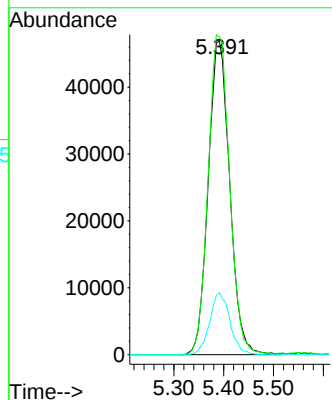
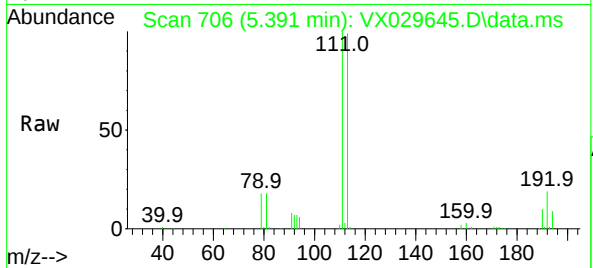




#35
Dibromofluoromethane
Concen: 46.050 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

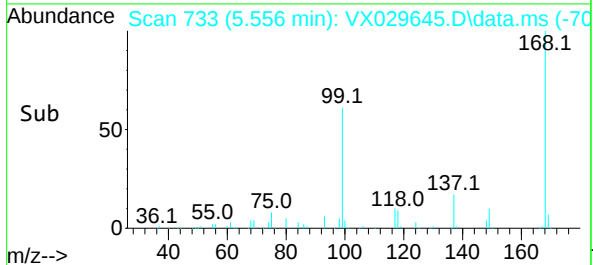
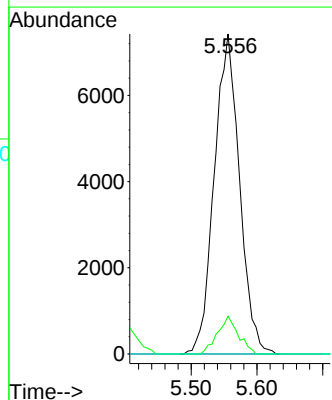
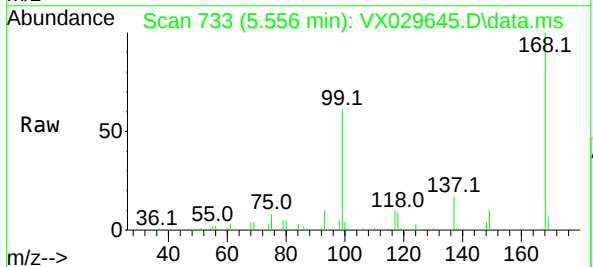
Instrument :
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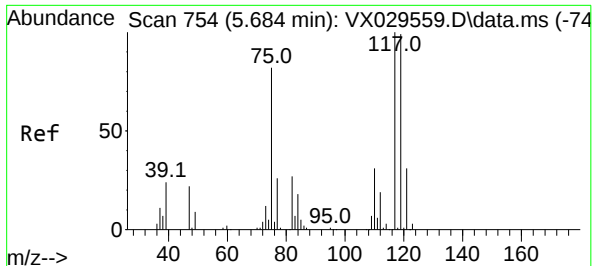
Tgt Ion:113 Resp: 140373
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

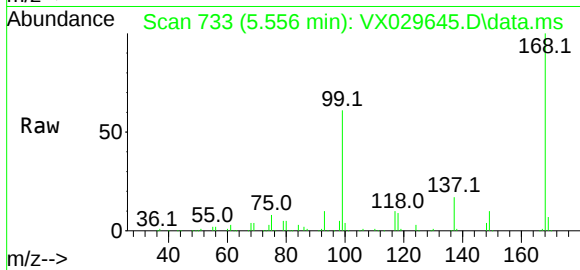
Tgt Ion: 75 Resp: 19828
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



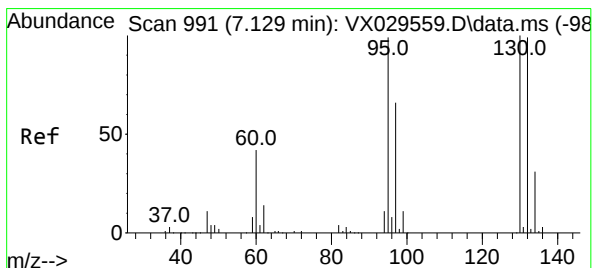
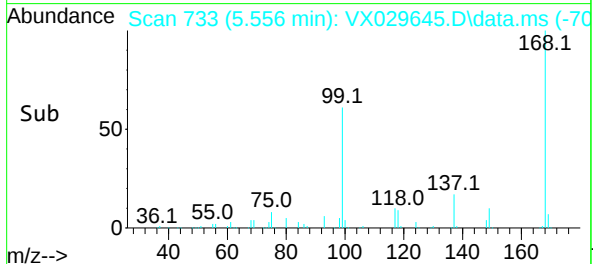
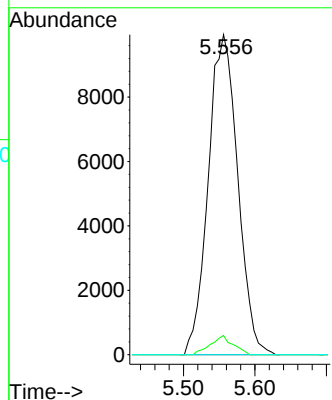


#38
Carbon Tetrachloride
Concen: 7.021 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

Instrument :
MSVOA_X
ClientSampleId :
MW-52

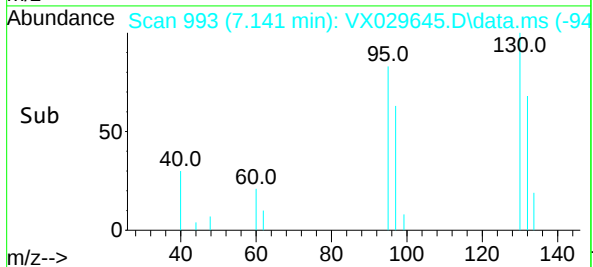
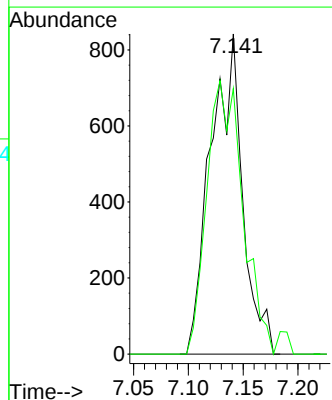
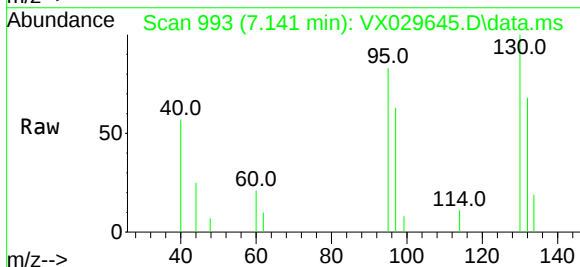


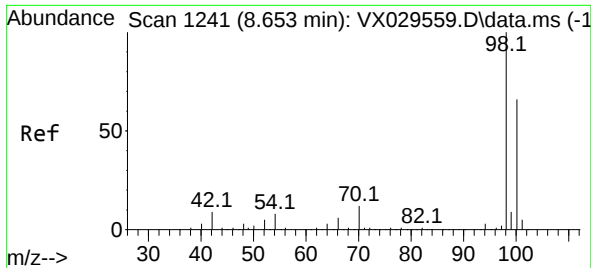
Tgt Ion:117 Resp: 28485
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

Tgt Ion:130 Resp: 1705
Ion Ratio Lower Upper
130 100
95 82.9 0.0 188.8

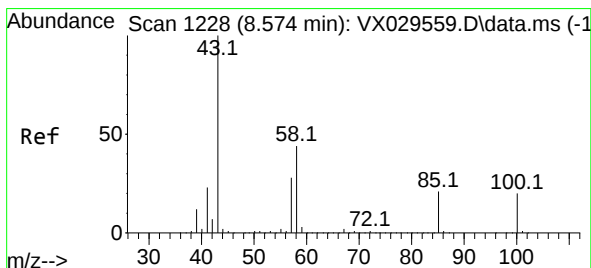
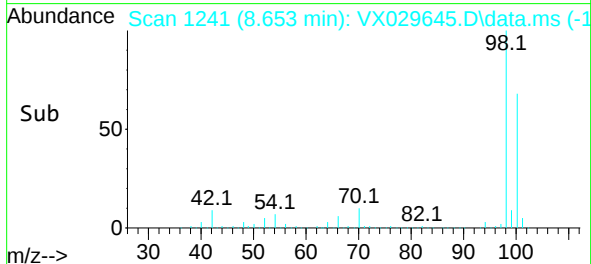
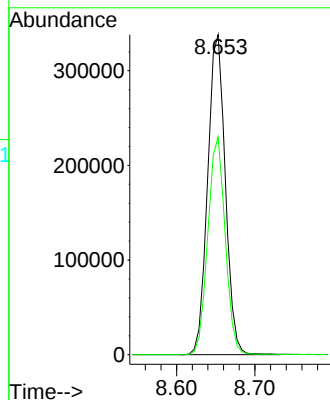
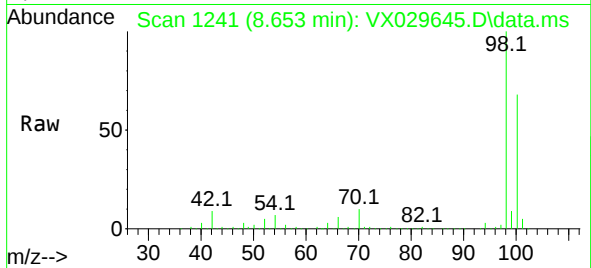




#50
Toluene-d8
Concen: 47.415 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

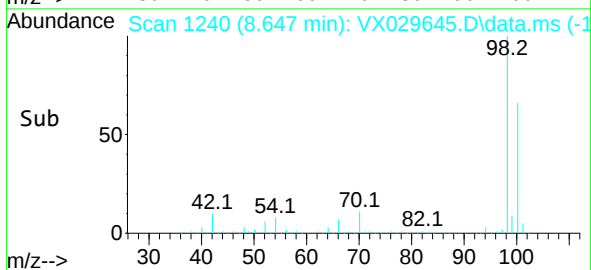
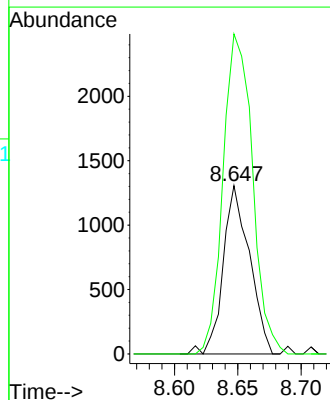
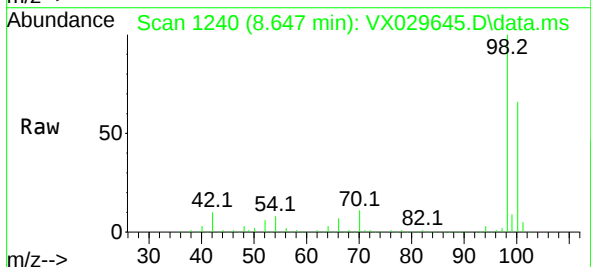
Instrument :
MSVOA_X
ClientSampleId :
MW-52

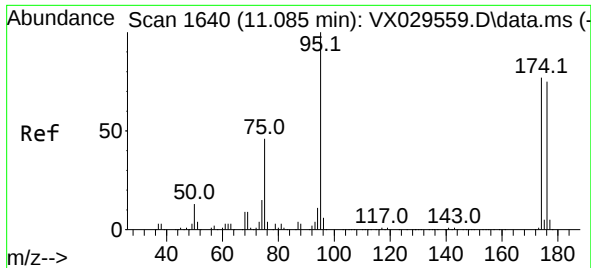
Tgt Ion: 98 Resp: 528012
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

Tgt Ion: 43 Resp: 1891
Ion Ratio Lower Upper
43 100
58 211.8 36.1 54.1#

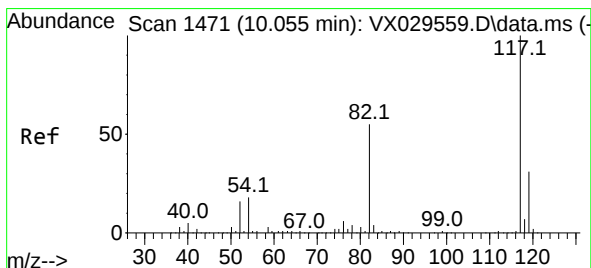
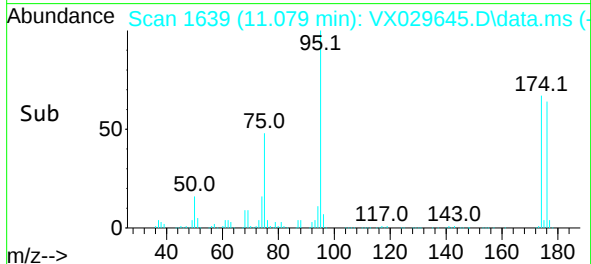
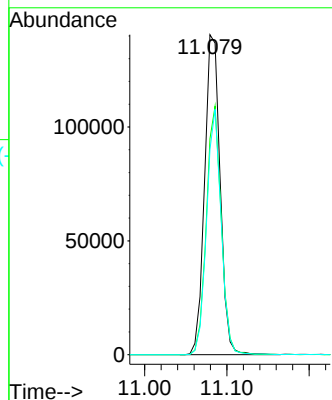
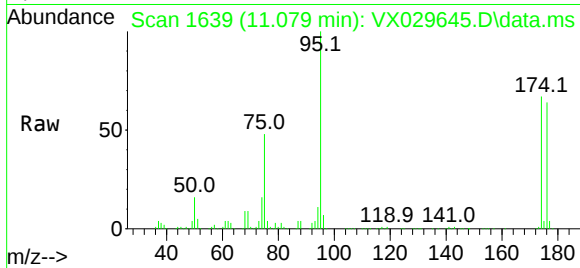




#62
4-Bromofluorobenzene
Concen: 43.915 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

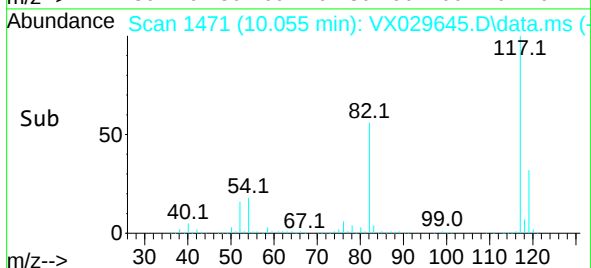
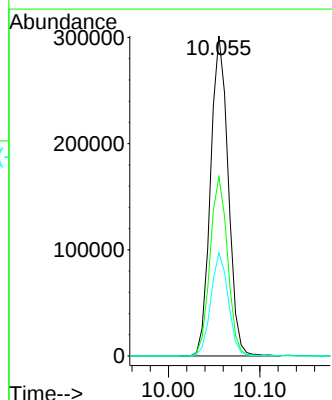
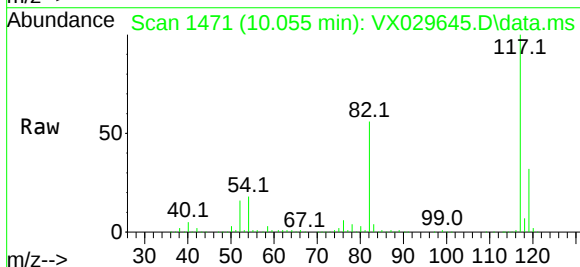
Instrument :
MSVOA_X
ClientSampleId :
MW-52

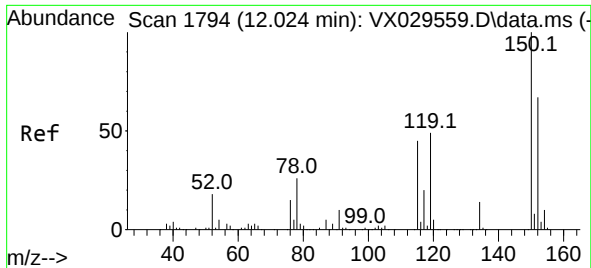
Tgt Ion: 95 Resp: 184422
Ion Ratio Lower Upper
95 100
174 74.3 0.0 163.0
176 72.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

Tgt Ion: 117 Resp: 403533
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.2 24.8 37.2

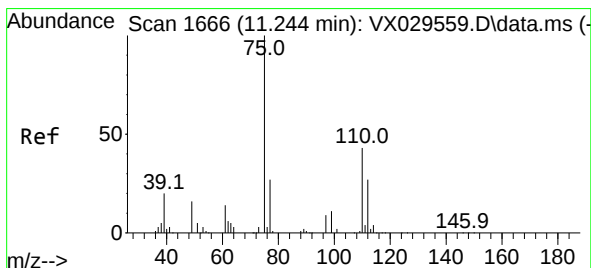
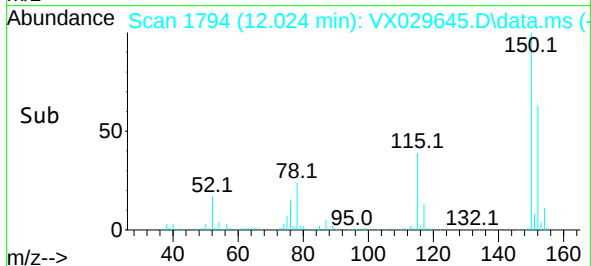
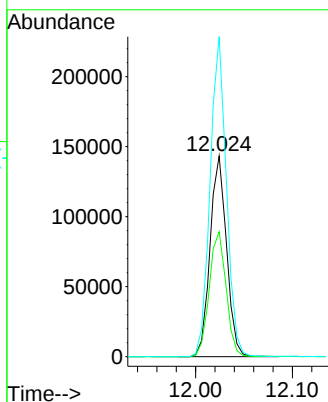
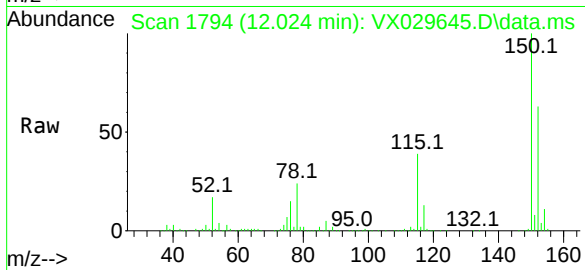




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029645.D
 Acq: 21 Jun 2022 06:55

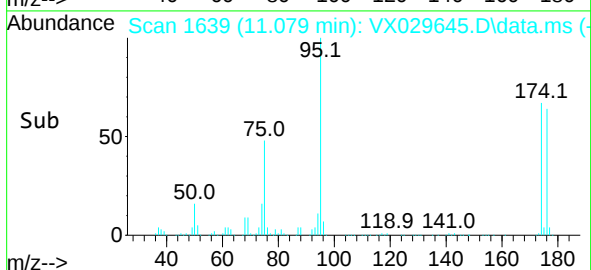
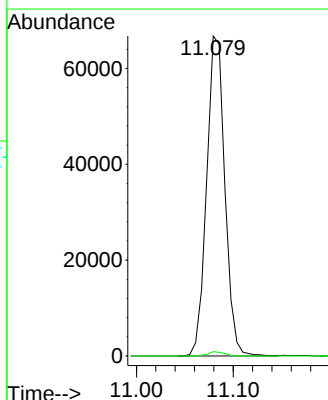
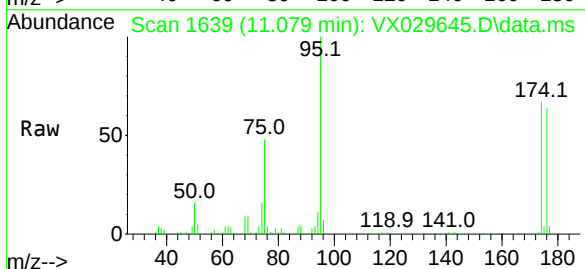
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-52

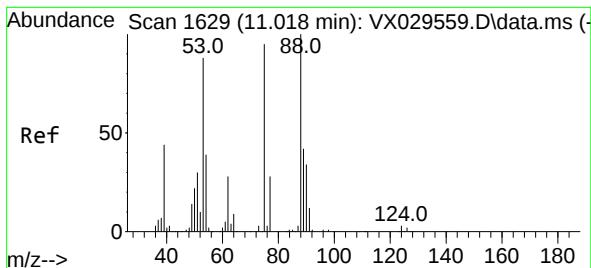
Tgt Ion:152 Resp: 170168
 Ion Ratio Lower Upper
 152 100
 115 63.5 37.5 112.7
 150 157.4 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.675 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029645.D
 Acq: 21 Jun 2022 06:55

Tgt Ion: 75 Resp: 87766
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

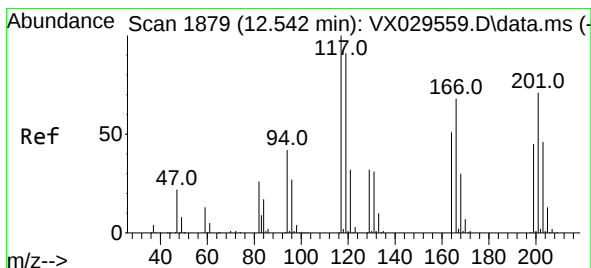
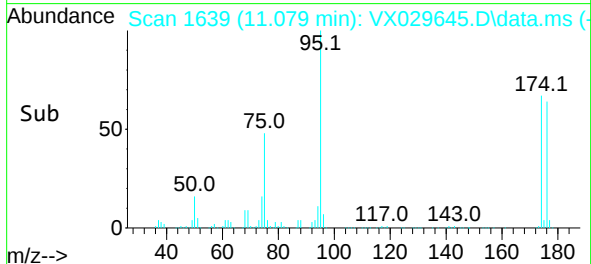
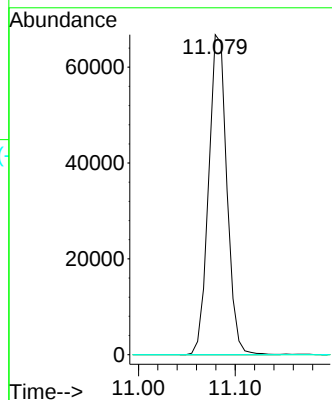
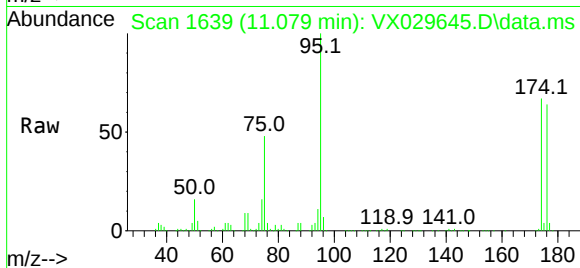




#81
trans-1,4-Dichloro-2-butene
Concen: 78.761 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

Instrument :
MSVOA_X
ClientSampleId :
MW-52

Tgt Ion: 75 Resp: 87766
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.522 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX029645.D
Acq: 21 Jun 2022 06:55

Tgt Ion: 117 Resp: 812
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

